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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. In the second quarter of 1953, 20,000 tubes, type 6E5, were planned and produced. This tube has one grid, which is wound automatically. The spray paste of the "magic eye" is identical with the paste used for television tubes.

2. Attempts are being made to manufacture the grid of the tube ECH81 in oval form, in order to save time. The present grid is shaped as follows:

   The change in shape will also enable the tubes to be produced more cheaply.

3. The research division of the tube factory works is working on a new design of the tube type P 50, which according to the division chief, Jahn (fnu), loses efficiency with continued service. Experiments were made in gilding the grid, but no improvement in efficiency resulted. Now the grid is being experimentally coated first with tin and then with copper. The results are not yet known. Series production continues in the old form.

4. In the metal ceramic and television tube production departments, it is understood that the production of some tubes is to be reduced sharply. Reports are that the reduction is because the quality of the tubes is so poor. It is further said that it is proposed to dismiss 2,000 workers. A lot of about 200 television tubes was returned to the plant by the buyer, allegedly on account of poor quality.

5. The tools for the new experimental tube PCL 81 are not yet ready.

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